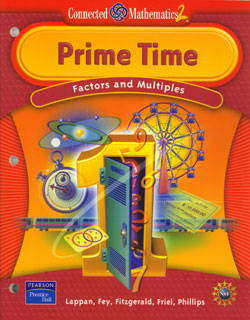
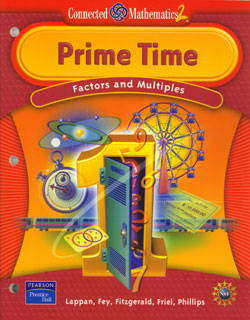
Mathematical Reflection

In math class this year, we used a program called Connected Mathematics 2. This program is very different than any other math program I have ever used. Connected Mathematics 2 is eight units long. Each unit is based on a different type of math. I have worked on fractions for Bits and Pieces I and II, factors and multiples for Prime Time, area and perimeter for Covering and Surrounding, two dimensional geometry for Shapes and Designs, and I am working on probability now for How Likely is it.  
 In the beginning of every book it gives you three questions. In the book *Prime Time,* the three questions are; why is it convenient to measure time using sixty minutes in an hour (not fifty nine or sixty one) and twenty four hours in a day (not twenty three or twenty five)? Insects called cicadas spend most of their lives underground. Many come above ground only every thirteen or seventeen years. Why is it unlikely you will ever see thirteen and seventeen year cicadas appear together? Why does your birthday fall on a different day of the week from one year to the next? Why is the same also true for New Year’s Day and the Fourth of July? These questions are showing you what you will be learning about.  
 Each book is made up of different lessons. At the end of every lesson, you have to do a reflection. A reflection is a couple of questions that reflected that one lesson. At the end of the book you get one big test on the whole book. It normally has four lessons before the test. After every book, we also have to do a vocabulary notebook. It is filled in ABC order with all of the vocabulary words in that book.   
 I have learned a lot in my favorite book *Prime Time.* I learned to Understand relationships among factors, multiples, divisors, and products. I also learned to recognize and use properties of prime and composite numbers, even and odd numbers, and square numbers. I learned a lot more. I learned to use rectangles to represent the factor pairs of numbers. I know how to find if a number is prime or composite. A number is prime if it has only two factors. A number is composite if it has more than two factors.

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